

Rabbit anti-Human TET2 Polyclonal Antibody | anti-TET2 antibody

TET2 Antibody

CATALOG # AAA118787	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
-------------------------------	-----------------------	----------------------------	--

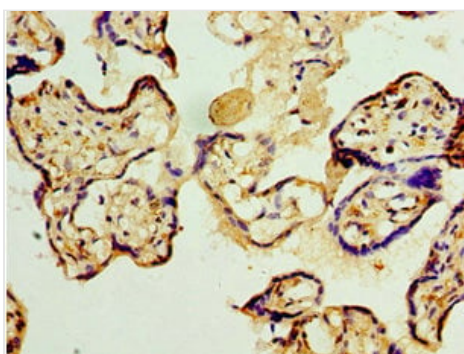
PRODUCT SYNONYMS

TET2; Polyclonal Antibody; TET2 Antibody; anti-TET2 antibody

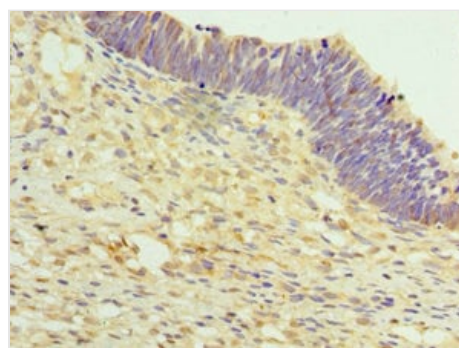
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	2002
Applicable Applications for anti-TET2 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Methylcytosine dioxygenase TET2 protein (1833-2002aa)
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

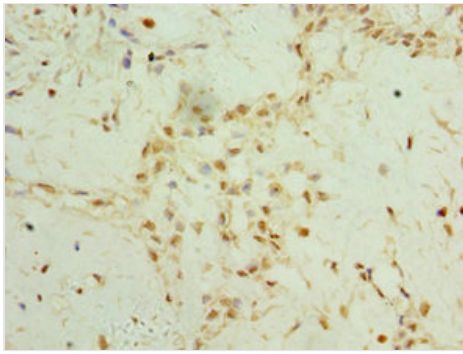
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human placenta tissue using AAA118787 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human ovarian cancer using AAA118787 at dilution 1:100



IHC (Immunohistochemistry)
 Immunohistochemistry of paraffin-embedded human breast cancer using AAA118787 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-TET2 antibody	Dioxxygenase that catalyzes the conversion of the modified genomic base 5-methylcytosine (5mC) into 5-hydroxymethylcytosine (5hmC) and plays a key role in active DNA demethylation. Has a preference for 5-hydroxymethylcytosine in CpG motifs. Also mediates subsequent conversion of 5hmC into 5-formylcytosine (5fC), and conversion of 5fC to 5-carboxylcytosine (5caC). Conversion of 5mC into 5hmC, 5fC and 5caC probably constitutes the first step in cytosine demethylation. Methylation at the C5 position of cytosine bases is an epigenetic modification of the mammalian genome which plays an important role in transcriptional regulation. In addition to its role in DNA demethylation, also involved in the recruitment of the O-GlcNAc transferase OGT to CpG-rich transcription start sites of active genes, thereby promoting histone H2B GlcNAcylation by OGT.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	187761317
NCBI GeneID	54790
NCBI Accession #	NP_001120680.1
NCBI GenBank Nucleotide #	NM_001127208.2
UniProt Accession #	Q6N021; Q2TB88; Q3LIB8; Q96JX5; Q9HCM6; Q9NXW0; B5MDU0
Molecular Weight	133,481 Da
NCBI Official Full Name	methylcytosine dioxygenase TET2 isoform a
NCBI Official Synonym Full Names	tet methylcytosine dioxygenase 2
NCBI Official Symbol	TET2
NCBI Official Synonym Symbols	MDS; KIAA1546
NCBI Protein Information	methylcytosine dioxygenase TET2
UniProt Protein Name	Methylcytosine dioxygenase TET2
UniProt Gene Name	TET2
UniProt Synonym Gene Names	KIAA1546
UniProt Entry Name	TET2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.